Porter & Charles

OPERATION MANUAL

Ceramic Hob

CC76-2

Congratulations on the purchase of your Porter&Charles appliance.

We are sure it will provide many years of great cooking experience.

You may find that it has different features and characteristics to your last appliance.

It is essential you read this operation manual thoroughly to fully understand all of the various functions and operations. Experiment with your cooking and take advantage of the features your new appliance offers.

This manual should be retained for future reference. Should ownership of the appliance be transferred, please ensure that the manual is also passed onto the new owner.

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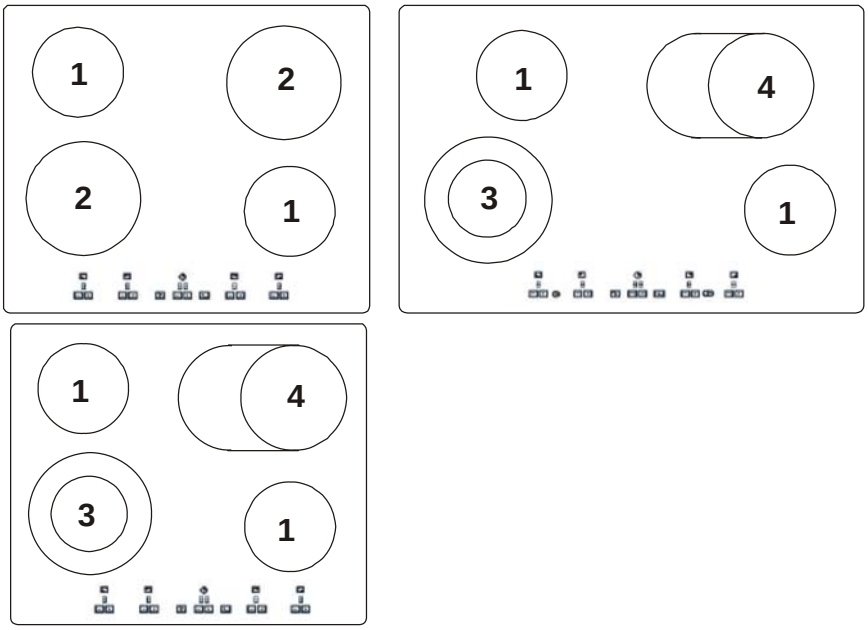
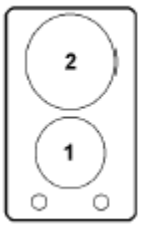
DESCRIPTION

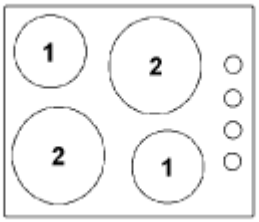
HOT PLATES

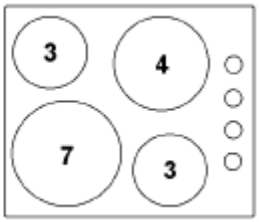


Touch Control

1.	Hi-lite heating element	145mm.	1200Watt
2.	Hi-lite heating element	180mm.	1800Watt
3.	Double circuit Hi-lite heating element	120/210mm.	750/2200Watt
4.	Double circuit oval Hi-lite heating element	180/260mm.	750/2200Watt







Knob Control

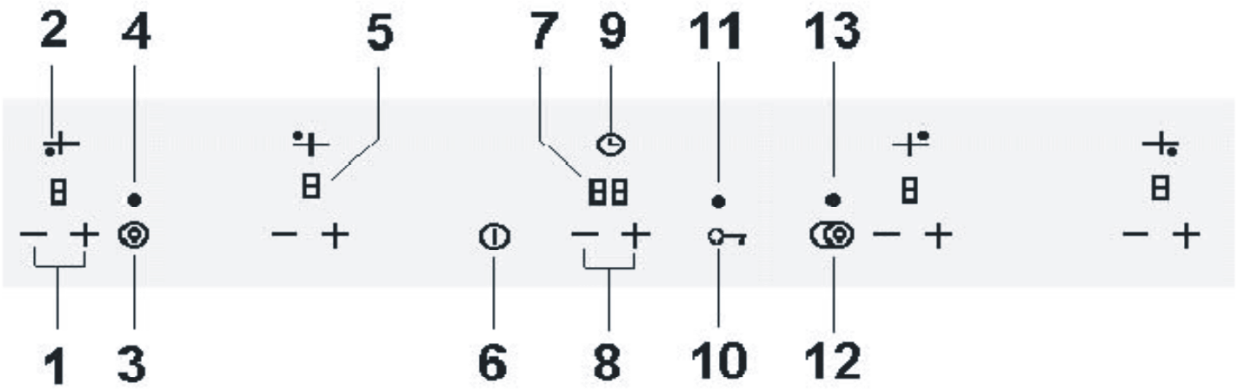
1.	Radiant heating element	145mm.	1200Watt
2.	Radiant heating element	180mm.	1700Watt
3.	Hi-lite heating element	145mm.	1200Watt
4.	Hi-lite heating element	180mm.	1800Watt
5.	Double circuit Hi-lite heating element	120/210mm	750/2200Watt
6.	Double circuit oval Hi-lite heating element	180/260mm	750/2200Watt
7	Hi-lite heating	210mm	2200Watt

TOUCH CONTROL

1- Selection of cooking setting
2- Cooking setting position
3- Connection key front left

4- Connection display front left
5- Display of cooking setting
6- On/Off switch, emergency off switch
7- Display timer

8- Selection of timer setting
9- Timer position
10- Locking of the cooking surface connection and selection
11- Locking display
12- Connection key rear right
13- Connection display rear right



Using the Appliance

• WARNING

All operations relative to installation and electric connection should be carried out by qualified personnel in conformity with the regulations in force in your country.

The specific instructions are described in the booklet section for the installer

NOTICE

- Use only flat pans with a sufficiently thick base, equal to or not much larger than the hot plate selected (fig.1)
- The containers should not have rough bottoms in order to avoid scratching the heat surface of the top.
- Do not switch the electric plate on without the pan over the plate.
- Do not cook any food directly on the hot area. Avoid overflows of liquid and should they occur clean away promptly.
- Turn off the plate few minutes before the cooking end.

USE

Model with knob control switches

Switching on
Set the power by rotating the knob, taking into consideration that the highest number corresponds with the maximum power. If the hob is fitted with extended zones, the outer heating element can be switched on turning the knob up to the end of rotation.

The pilot light is switched ON when at least one element is on. The pilot light is switched ON when the top temperature at indicated spot is higher than 50^{O}C.

Model with touch control switches

Switching on
The control is switched on by pressing the On/Off key(key 6) for 1 second, causing a sound signal it will not turn on while the key lock function (key 10) is active(indicated by Led11).
The heating element remain switched off (all the digits at 0) until a power level is selected. If this is not done within 10 seconds the control switches off automatically.

Selecting the cooking level
With the control turned on, the first time that the (+) sensor (key1) is touched and heating element is turned on to the selected level.
The (+) sensor raises the cooking level to a maximum of 9, and the (-) (key 1) sensor reduces the cooking level to 0 (heating element switched off).
If a sensor is continuously pressed, the action involved is repeated every half second.
If we start with the (-) sensor the cooking level will be the highest (9).

Switching the double cooking area
The control(key 3) or (key 12) can be used to activate 2 heating elements with a double cooking area and one of them with triple area, with 2 sensors to activate or cancel it. Each cooking area has an associated LED (Led 4 and 13). The selection of the heating element associated with the second cooking area is made in the factory through the configuration software.

Touch the double area selector to select/deselect the double cooking area. If one heating-element has 1 double and 1 triple areas the product will be:

1st touch: the double area is selected
2nd touch: the triple area is selected
3rd touch: double and triple areas are not selected.
When the double cooking area is selected the associated LED (Led 4 or 13) turns on, although its heating element has not been activated.

Activating the heat-up function
When cooking level 9 is selected (this function can only be operated from this level) touching the (+)(key 1) sensor, the decimal point on the display(5) blinks for 10 seconds, during which the desired power level must be selected (between 1 and 8). After this time there is a sound signal, and the decimal point remains fixed, indicating the heat-up function is ON. Should the selected level be 0 or 9, the heat-up function is cancelled.

With the heat-up function activated, by touching the (+) sensor the duration of this function extends to the new power value selected; if the power is 9, the heat-up function is cancelled. When the heat-up function is finished, there is a sound signal, the decimal point of the display goes out and the element remains at the chosen power level.

Cancelling the heat-up function
Touch the (-) (key 1) sensor while the heat-up function is ON to cancel it. The cooking level goes down. When the heat-up function is cancelled, there is a sound signal and the decimal point on the display goes out. A blinking "H" will appear with the cooking level 0, when the temperature of the heating element reaches 65°C. It appears fixed if the touch control is switched off.

Setting the Key lock function
Keep the Key Lock (Key 10) sensor pressed to activate/cancel the keyboard locking function. If the LED (11) associated with the Key Lock sensor is on, the keyboard is locked.
The locking function can be activated when the cooking levels are activated or when the cook top is off.
If the cook top is on, The Key Lock function locks all the sensors except the On/Off (Key 6) general sensor and the key lock sensor.
When the cook top is turned off, the Key Lock function blocks all the sensors, including the general On/Off switch, except the key lock sensor.

Cancellation of the Key Lock function
If the keyboard is locked (the LED 11) associated with the Key Lock (Key 10) sensor is on, keep the Key Lock sensor pressed for 1 second to cancel the locking function and the indicator light will go out.

Residual heat indicator
While the temperature on the cook top surface is above 65°C, this condition will be shown in the associated display, by means of an "H".
If the cook top is switched off, residual heat is shown by a static "H" in the display. If the cook top is on, but the power level is 0, the associated display will show alternately "H" and "0".
To generate a temperature above 65°C a heating element has to be in operation for a certain time, which depends on the selected power level. Once this time is passed, the residual heat warming will come into operation when the element is switched off.
If the minimum time needed to exceed 65°C is over, the length of time the residual heat indicator remains in operation is a function of the time the element has remained turned on at a certain power level.

Safety auto-power-off
If the power level is not changed for a present time, the element in question will automatically be turned off. The maximum operating time of an element depends on the cooking level selected.

Power Level	Max time ON (hours)
1	10
2	5
3	5
4	4
5	3
6	2
7	2
8	2

9	1

Thermal protection of the control panel
When the control panel detects an ambient temperature above 96°C it turns off the nearest element (selected by software), and an “H” for residual heat shows in the associated display.
An element turned off by the thermal protection can only be re-activated when the temperature falls below 89°C. This is a safety measure to protect your cooktop.

Timer operation
The timer is activated by pressing the (+) or (-) (Key 8) timer sensors. It can be set to any value between 1 and 99 minutes and can modifies at any moment.
To cancel the timer, select the <00> value using the (-) timer sensor or switch it of by pressing the (+) and (-) timer sensors simultaneously.
The timer can be customised to suit the needs of the user by configuring the following options:
1. Increase of timer value (1 min. /5 min.)
2. Timed heating element (fixed/programmable)
3. Indication of timed heating element
4. Duration of the acoustic alarm (1min./indefinite)
5. Default initial timer value
6. Timer/Timer-Alarm mode

Increase of timer value
Pressing the (+) or (-) (Key 8) timer sensor for a sustained period will result in an automatic increase/decrease, enabling the user to reach the desired timer value faster. The increase can be set to 1 minute or 5 minute increases/decreases.

*1 minute increases:
After the tenth consecutive increase/decrease the timer value increases or decreases fasten

*5 minute increases:
After the fifth consecutive increase/decrease when the timer value reaches a multiple of 5, it increases or decreases 5 by 5 units instead of 1 by 1.

Timed heating element
Any of the heating elements under the touch control system, either single or double, can be timed.
When the timed period is over, the timed heating-element (and if applicable the twin area as well) Switches itself off automatically. The timed heating element can be programmed as follow:

*Fixed heating element:
The timer setting always applies to the same heating element.

*Programmable heating element:
The user can decide which heating element to time. The selection of a new heating element cancels the previous choice, thus the timer setting can only apply to one heating element at a time.
When we touch the keys (8) of the timer the first time, it will appear as “t” in each heating element display awaiting your selection.

*We always have to select the heating element after we have pressed a key of the timer.
*If we do not select any heating element during 10sec., then the timer will switch off.
*After our heating element selection we do not indicate a time different then 00, in 10 sec. The timer will switch off.

Indication of timed heating element
The touch control can indicate which heating element the timer is set up to control.
A flashing “t” appears over the timer heating element display (5) for 5 seconds every 15 seconds or every time the (+) or (-) timer sensors are pressed (Key 8).
This option is advisable when timed heating element is programmable, as it serves to remind the user which heating element has been selected.

Duration of the acoustic alarm
Once the timer period has finished, an acoustic alarm sounds for a certain period <00> and flashes on the timer displays (7). The duration of the acoustic alarm can be programmed.

*1 minute alarm:
The acoustic alarm stops after 1 minute. The timer displays continue to flash <00>. The user can switch off the alarm at any moment, even during the first minute, by pressing any sensor of the touch control.

*Indefinite alarm:
The alarm continues to sound until the user switches it off by pressing any sensor of the touch control.

Default initial timer value
The timer is switched on by pressing the (+) or (-) timer sensor (Key 8). If the (-) sensor is pressed the initial timer value will be 99 minutes, whereas with the (+) sensor, the initial timer value can be predetermined to any value between 00 and 99 minutes.

Timer/Timer-Alarm mode
The timer has two different working modes:

*****Timer mode: when the programmed period is over, the alarm is activated and the timed heating element switches itself off automatically. If the timer is set in this mode, this is indicated by the fact that the decimal point on the timer display is lit (7)

*Alarm mode: when the programmed period is over, the alarm is activated although the timed heating element is not switched off automatically. If the timer is set in this mode, this is indicated by the fact that the decimal point on the timer display is not lit (7).

The touch control enables the timer to be programmed for the following settings:
1. Timer setting: Only allow the timer to work in timer mode.
2. Timer-alarm setting: Allow the timer to work in either timer mode or alarm mode. The working mode is programmed by the user.

Configuration examples
The following examples detail the basic functioning of the timer combining the timed heating element (fixed/programmable) and timer/timer-alarm settings. Any combination of the 4 remaining options (see below) Can be added to these examples.

Increase of timer value (1 min. /5min.)
Indication of timed heating element. Duration of the acoustic alarm (1min./indefinite) Default initial timer value.

These options permit the touch control timer to be customised to meet the individual requirements of the user.

Example#1: Fixed timed heating element + timer setting

The timer always work in timer mode, regulating the length of timed heating element is switched on. Once the programmed period is over, the timed heating element switches itself off automatically. The corresponding display (5) also switches off or shows an “H” to indicate residual and the timer alarm is activated.

Example#2: Fixed timed heating element + timer alarm setting

The timer functions in either timer mode or alarm mode.

Timer mode: the programmed value determines the time during which the timed heating element is activated. Once the programmed period is passed, the fixed timed heating element switches itself off automatically. The corresponding display (5) also switches off or shows an “H” to indicate residual heat and the timer alarm is activated. To select this mode, before activating the timer (the timer display (7) should be

switched off) select a power setting (1) other then 0 for the fixed timed heating element, then set the timer value. When this mode is selected, the decimal point on the timer display is activated (5).

Alarm mode: the programmed value determines the time which must pass before the alarm is activated. Once the programmed time is over, the time alarm is activated although the heating element does not switch Itself off automatically. To select his mode, before activating the timer (the timer display (7) should be switched off) select the 0 power setting for the timed heating element, then set the timer value. When this mode is selected, the decimal point on the timer display will be switched off. Once the alarm mode has been selected, you can switch on the timed heating element.

Programmable timed heating element + timer setting

The timer always functions in timer mode, regulating the time during which the timed heating element programmed by the user is activated. The activation of this setting is indicated by the presence of a decimal point on the timer display (7). To select the timed heating element, when the timer is activated a “t” appears on the displays (5) of each one of the heating elements. The user has 10 seconds to select the heating element he or she wishes to time. To select a heating element simply press either the (+) or (-) (Key 1) sensor of he chosen heating element.

Once the heating element has been selected, the “t” on the displays (5) will disappear, enabling the user to select the power settings and timer values required. Once the programmed time is over, the timed heating element will automatically switch itself off.

The corresponding display (5) also switches off or shows an “H” to indicate residual heat and the timer alarm is activated.

If the user does not select a heating element, the process is cancelled, the “t” disappears from the displays (5) and the timer is deactivated. The selection process is reinitiated each time the timer is activated.

Programmable timed heating element + timer alarm setting

The timer can function in either timer mode or in alarm mode. When the timer is activated a “t” appears on the displays (5) of each of the heating elements. The user has 10 seconds to select the heating he or she wishes to time. To select a heating element, simply press either (+) or (-) (1) sensor of the chosen heating element.

Timer mode: once the heating element has been selected, the “t” on the displays (5) will disappear, enabling the user to select the power settings and timer values required. The activation of this setting is indicated by the presence of the decimal point on the timer display (7). Once the programmed time has passed, the timed heating element will switch itself off automatically. The corresponding display (5) also switches off or shows an “H” to indicate residual heat and the timer alarm is activated.

Alarm mode: if no heating element is selected, the “t” on the displays (5) disappears, enabling the user to set the timer value. After the programmed period has passed, the alarm will be activated although no heating element will switch itself off automatically. When this mode is selected, the decimal point on the timer display will be switched off.

General switch off

The cook top can always be switched off; regardless of the mode of operation it is, by touching the On/Off sensor (Key 6) for 1 second. On switching off, there is a beep signal and the displays are turned off, unless there has to be an “H” for residual heat on any display.

Special Notes

If the Keys for (+) or (-) (Key1) of an element are touched together, the element turns off (display at 0). If the keys touched simultaneously are not of the same element the keyboard is locked and no operation is allowed.

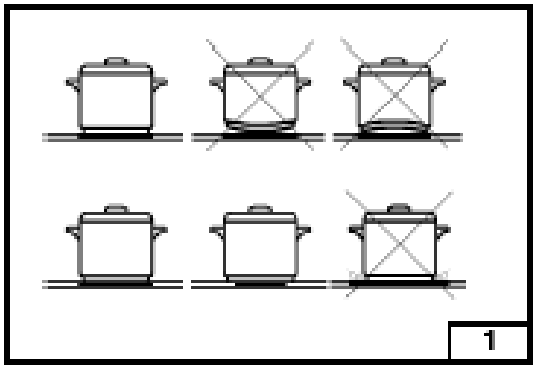
The On/Off function prevails if 2 keys are touched at the same time, but only to turn off.

If all the cooking levels are at position 0, the control will turn off automatically after 10 sec. If a sensor is pressed for more than 10 sec., the control will automatically turn off and a “beep” will sound every 30 sec., while the sensor is pressed.

Cleaning

Remove leftover and grease **or spillage** from the cooking surface with the special scraper (fig.3) (optional). Then clean the heating area thoroughly with a paper towel and ceramic cleaning products for the correct care of your appliance. Never use abrasive sponge or irritating chemical detergents such as over spray or spot removers.

FIGURE / FIGURES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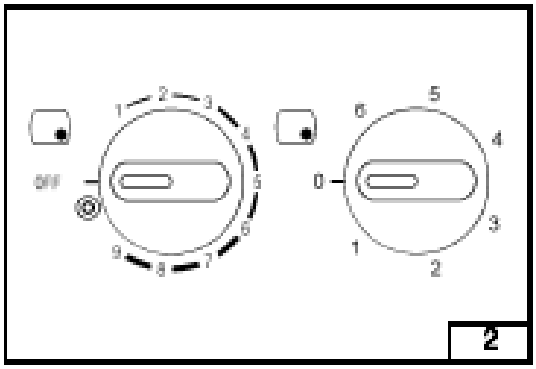

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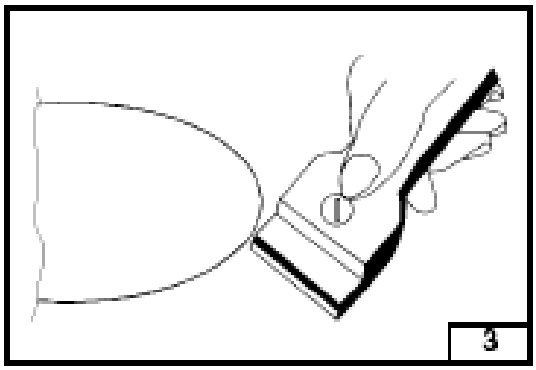
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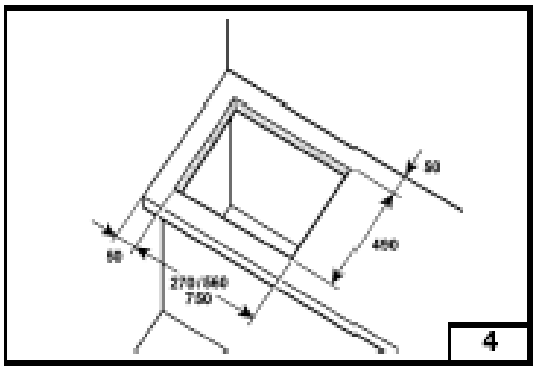

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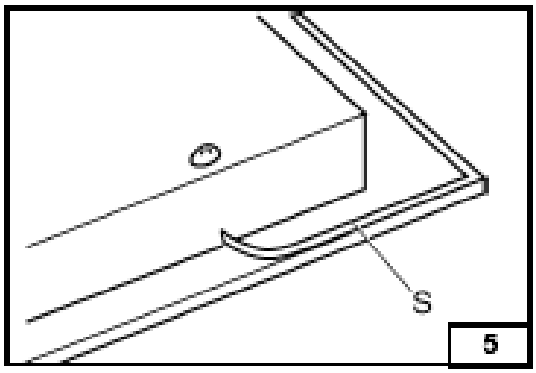

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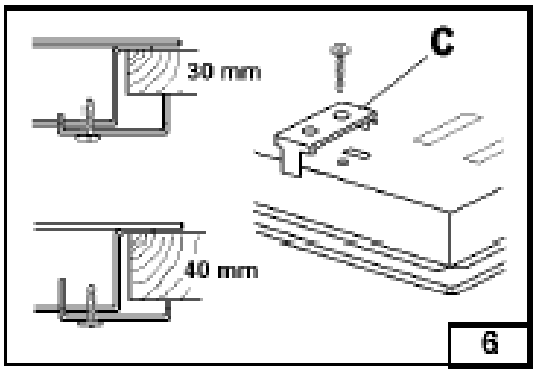

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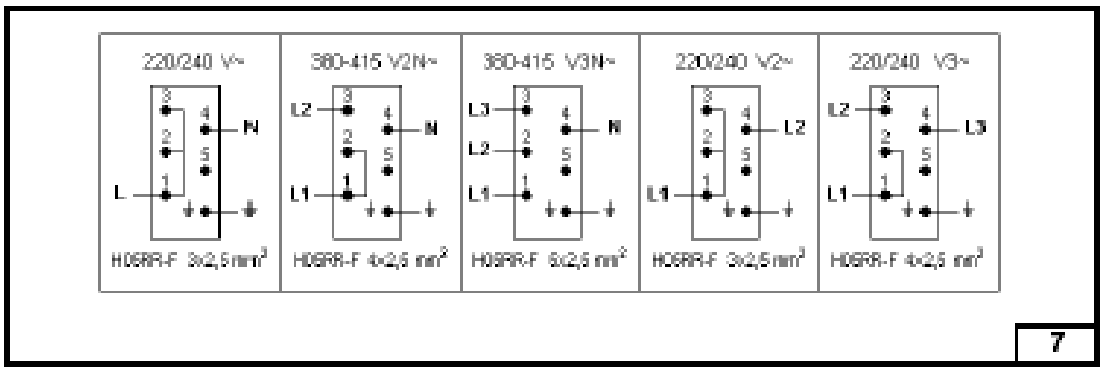


7

Installation Instructions

•WARNING

The operations indicated below must be followed by qualified personnel, in conformity with the regulations in force.
The supplier refuses all responsibility for damages to person or property, resulting from the failure to comply with such provisions.

INSTALLATION

All units are 230/240 power and 60hz

The appliance is designed to be embedded into heat resistant pieces of furniture or kitchen cabinetry.
Make the hole in the top of the piece of furniture with the dimension indicated in fig. 4 at a distance of at least 50mm from the appliance border to the adjacent walls.
Adhesive washer “S” along the border of the top bottom (fig.5)
Stabilise it with the fastening hooks “C” (fig.6)

ELECTRICAL CONNECTIONS (FIG.7)

Before carrying out electrical connection be sure that the characteristics of the electrical system meet the specifications located at the bottom of the cooktop and the electrical system is provided with effective ground in compliance with the regulations and provision of the law in your country.
The ground is required in all circumstances.
If you wish a direct connection to the line, it is necessary to use a single pole switch, with a minimum opening between the contacts of 3 mm. suitable for the purpose and in conformity with the rules in your country (the yellow/green ground cable should not be interrupted by the switch).

- **ATTENTION**

Should a built-in oven or any other appliance producing heat be fitted directly under a glass ceramic cook-top with touch control, it is recommended to insulate the hob with a separator which is usually a piece of temperature resistant timber. The operating temperature of the cooktop must be below 60°C.

Disregard of this precaution could cause the incorrect operation of the touch control system of the cooktop and effect the product warranty provisions.

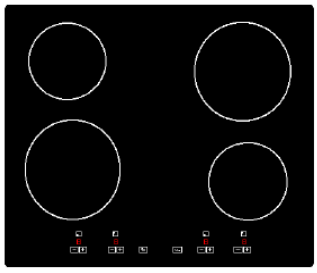
DIMENSIONS AND CUT-OUTS

30CM CERAMIC HOB (12”)

1800 / 1200

Hob:	**W 288mm** W 11 Inches	**D 510mm** 20 Inches
Cut-out	**W 270mm** W10.5 Inches	**D490mm** D19 Inches

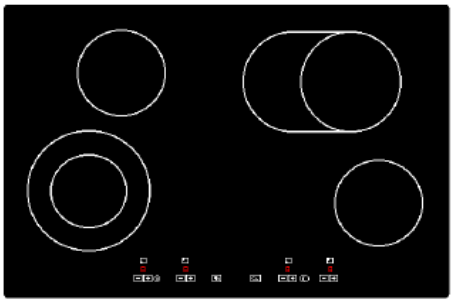
60CM CERAMIC HOB (24”)



1800 / 1200

Hob:	**W 600mm** W 23.5 Inches	**D 510mm** D 20 Inches
Cut-out:	**W 560mm** W 22 Inches	**D 490mm** D 19 Inches

75CM CERAMIC HOB (30”)

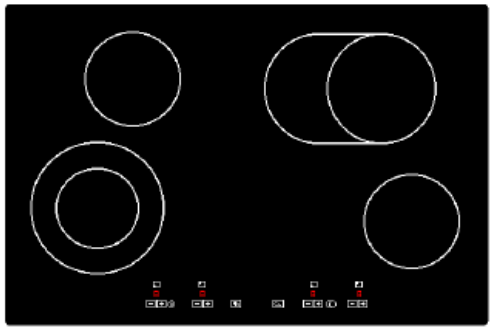


1200 / 750/2200

1200 / 750/2200

Hob:	**W 770mm** W 30 Inches	**D 510mm** D 20 Inches
Cut-out:	**W750mm** W29.5 Inches	**D 490mm** D 19 Inches

90CM CERAMIC HOB (36”)



1200 / 750/2200

1200 / 750/2200

Hob:	**W 900mm** W 35.5 Inches	**D510mm** D20 Inches
Cut-out	**W 860mm** W 34 Inches	**D 490mm** D 19 Inches

Warranty

Porter&Charles *products are designed and built to the highest standards. We expect your appliances to provide many years of trouble free enjoyment. In the event of an appliance requiring attention, each appliance is covered by a 2 year warranty from the date of purchase.*

Refer to warranty policy for complete terms and conditions.

Coverage is for costs of parts and labor for appliances in capital cities & metropolitan areas. We reserve the right to charge directly for handling expenses outside the metropolitan region.

Porter&Charles *products are supported by a national service support system.*
Call our customer service department for attention.

Please retain your Porter&Charles invoice to quote should you require service assistance. This will identify your product for our priority service back-up. Please attach your invoice to this manual for easy future reference.

PORTER & CHARLES INCORPORATED
2278 Speers Road,
Oakville, Ontario,
Canada L6L 2X8
Telephone: 1-800-421-6632
Telephone: 905-829.3980
Facsimile: 905-829-3985

For Service & Spares:
EURO-PARTS
1-800.678-8352

Important: *Please record details of your purchase below and mail or fax to:*

----------cut along line ----------

Porter&Charles

Name:_____ Tel no _____

Address: _____

City: _____ State:_____ Zip Code: _____ _____

Where purchased: _____ Purchase date ;_____

Items
purchased:_____

Serial No. (s): _____

Porter & Charles

Porter & Charles Incorporated

Telephone 1-800-421-6332
Telephone 905-829-3980
Facsimile 905-829-3985